

Substitute for form 1449A/PTO

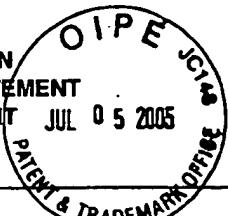
INFORMATION
DISCLOSURE STATEMENT
BY APPLICANT JUL 05 2005

Sheet

1

of

13



Complete If Known

Application Number	10/712,787
Filing Date	November 13, 2003
First Name Inventor	Xiaoxun Zhu et al.
Group Art Unit	2876
Examiner Name	N/a
Attorney Docket Number	108-192USA000

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Int'l Class / Sub Class
		Number	Kind Code (if known)			
<i>AVL</i>		6,831,690		John et al.	12/14/2004	H04N 003/14
		6,736,320 B1		Crowther et al.	05/18/2004	G06K 7/14
		6,708,883		Krichever	03/23/2004	G06K 7/10
		6,698,656		Parker et al.	03/02/2004	G06K 7/10
		6,695,209 B1		La	02/24/2004	G06K 7/10
		6,685,095		Roustaei et al.	02/03/2004	G06K 7/10
		6,681,994 B1		Koenck	01/27/2004	G06K 7/10
		6,669,093 B1		Meyerson et al.	12/30/2003	G06K 7/10
		6,637,658		Barber et al.	10/28/2003	G06K 007/10
		6,619,547 B2		Crowther et al.	09/16/2003	G06K 7/10
<i>AK</i>		6,565,003		Ma et al.	05/20/2003	G06K 007/10

BEST AVAILABLE COPY

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Int'l Class / Sub Class
		Number	Kind Code (if known)			
AK		6,550,679		Hennick et al.	04/22/2003	G06K 7/10
		6,547,139		Havens et al.	04/15/2003	G06K 7/10
		6,527,182 B1		Chiba et al.	03/04/2003	G06K 7/10
		6,491,223		Longacre, Jr. et al.	12/10/2002	G06K 7/10
		6,497,368		Friend et al.	12/24/2002	G06K 7/10
		6,489,798 B1		Scott-Thomas et al.	12/03/2002	G01R 031/26
		6,478,223		Ackley	11/12/2002	G06K 7/10
		6,469,289 B1		Scott-Thomas et al.	11/22/2002	H01L 27/00
		6,435,411		Massieu et al.	08/20/2002	G06K 7/10
		6,431,452		Feng	08/13/2002	G06K 7/10
		6,398,112 B1		Li et al.	06/04/2002	G06K 7/10
		6,390,625		Slawson et al.	05/21/2002	A61B 3/10
AK		6,385,352 B1		Roustaei	05/07/2002	G06K 9/32

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Int'l Class / Sub Class
		Number	Kind Code (if known)			
AN		6,371,374		Schwartz et al.	04/16/2002	G06K 7/10
		6,367,699		Ackley	04/09/2002	G06K 7/10
		6,347,163 B2		Roustaei	02/12/2002	G06K 9/00
		6,345,765		Wiklof	02/12/2002	G06K 7/10
		6,340,114 B1		Correa et al.	01/22/2002	G06K 7/10
		6,336,587 B1		He et al.	01/08/2002	G06K 7/10
		6,330,974		Ackley	12/18/2001	G06K 7/10
		6,298,176		Longacre, Jr. et al.	10/02/2001	G06K 7/10
		6,298,175		Longacre, Jr. et al.	10/02/2001	G06K 009/20
		6,275,388		Hennick et al.	08/14/2001	H05K 007/14
		6,266,685		Danielson et al.	07/24/2001	G06F 001/16
		6,254,003		Pettinelli et al.	07/03/2001	G06K 007/14
AN		6,250,551 B1		He et al.	06/26/2001	G06K 007/10

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Int'l Class / Sub Class
		Number	Kind Code (if known)			
ML		6,244,512		Koenck et al.	06/12/2001	G06K 007/10
		6,234,395		Chadima et al.	05/22/2001	G06K 007/10
		6,223,988 B1		Batterman et al.	05/01/2001	G06K 007/10
		6,233,986 B1		Bobba et al.	05/22/2001	B60R 025/02
		6,209,789		Amundsen, et al.	04/03/2001	G06K 007/10; 462.45; 462.35
		6,179,208		Feng	01/30/2001	G06K 007/10
		6,177,926		Kunert	01/23/2001	G09G 005/00
		6,173,893		Maltsev et al.	01/16/2001	G06K 007/10
		6,164,544		Schwartz et al.	12/26/2000	B06K 007/10
		6,161,760		Marrs et al.	12/20/2000	G06F 013/00
		6,152,371		Schwartz et al.	11/28/2000	G06K 009/22
		6,141,046		Roth et al.	10/31/2000	H04N 009/64
ML		6,128,414		Liu	10/03/2000	G06K 009/40

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Int'l Class / Sub Class
		Number	Kind Code (if known)			
AN		6,123,263		Feng	09/26/2000	G06K 007/10
		6,123,261		Roustaei	09/26/2000	G06K 007/10
		6,119,941		Katsandres et al.	09/19/2000	G06K 007/10
		6,109,528		Ohanian et al.	08/29/2000	G06K 007/10
		6,098,887		Figarella et al.	08/08/2000	B06N 007/10
		6,097,839		Liu	08/01/2000	G06K 007/10
		6,095,422		Ogami	08/01/2000	G06F 007/10
		6,064,763		Maltsev	05/16/2000	G06K 009/48
		6,062,475		Feng	05/16/2000	G06K 007/10
		6,060,722		Havens et al.	05/09/2000	G06K 007/10
		6,045,047		Pidhirny et al.	04/04/2000	G06K 007/10
		6,019,286		Li et al.	02/01/2000	G06K 007/10
AN		6,015,088		Parker et al.	01/18/2000	G06K 007/10

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Int'l Class / Sub Class
		Number	Kind Code (if known)			
AK		5,992,750		Chadima Jr. et al.	11/30/1999	G06K 007/10
		5,992,744		Smith et al.	11/30/1999	G06K 007/10
		5,986,705		Shiboya et al.	11/16/1999	G03B 007/00
		5,979,763		Wang et al.	11/09/1999	G06K 007/10
		5,965,863		Parker et al.	10/12/1999	G06K 007/10
		5,949,057		Feng	09/07/1999	G06K 007/10
		5,949,052		Longacre, Jr. et al.	09/07/1999	G06K 007/10
		5,942,741		Longacre, Jr. et al.	08/24/1999	G06K 008/10
		5,932,862		Hussey et al.	08/03/1999	G06K 007/10
		5,929,418		Ehrhart et al.	07/27/1999	G06K 007/10
		5,920,061		Feng	07/06/1999	G06K 007/10
		5,914,476		Gerst, III et al.	06/22/1999	G06K 007/10
↓ AK		5,900,613		Koziol et al.	05/04/1999	G06K 007/10

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Int'l Class / Sub Class
		Number	Kind Code (if known)			
AN		5,841,121		Koenck	11/24/1998	G06K 007/10
		5,837,985		Karpen	11/17/1998	G06K 007/10
		5,834,754		Feng et al.	11/10/1998	G06K 007/10
		5,831,674		Ju et al.	11/03/1998	H04N 005/335
		5,831,254		Karpen et al.	11/03/1998	G06K 007/10
		5,825,006		Longacre, Jr. et al.	10/20/1998	G06K 007/10
		5,821,518		Sussmeier et al.	10/13/1998	G06K 007/10
		5,815,200		Ju et al.	09/29/1998	H04N 005/235
		5,811,784		Tausch et al.	09/22/1998	G06K 007/10
		5,811,774		Ju et al.	09/22/1998	G06K 007/10
		5,793,033		Feng et al.	08/11/1998	G06K 007/10
		5,786,586		Pidhirny et al.	07/28/1998	G06K 007/10
AN		5,786,583		Maltsev	07/28/1998	G06K 007/10

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Int'l Class / Sub Class
		Number	Kind Code (if known)			
AK		5,786,582		Roustaei et al.	07/28/1998	G02B 026/08; G06K 007/10
		5,784,102		Hussey et al.	07/21/1998	H04N 003/14; H04N 005/335
		5,783,811		Feng et al.	07/21/1998	G06K 007/10
		5,780,834		Havens et al.	07/21/1998	G01N 021/86
		5,773,810		Hussey et al.	06/30/1998	G06K 007/10
		5,773,806		Longacre, Jr. et al.	06/30/1998	G06K 007/10
		5,756,981		Roustaei et al.	05/26/1998	G06K 007/10
		5,739,518		Wang	04/14/1998	G06K 007/10
		5,736,724		Ju et al.	04/07/1998	G06K 007/10
		5,719,384		Ju et al.	02/17/1998	G06K 007/10; G06K 019/06
		5,717,195		Feng et al.	02/10/1998	G06K 007/10
		5,659,167		Wang et al.	08/19/1997	G06K 007/10
AK		5,646,390		Wang et al.	07/08/1997	G06K 007/10

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Int'l Class / Sub Class
		Number	Kind Code (if known)			
AN		5,623,137		Powers et al.	04/22/1997	G06K 007/10
		5,572,006		Wang et al.	11/05/1996	B06K 007/10
		5,550,366		Roustaei	08/27/1996	G06K 007/10
		5,541,419		Arakelian	07/30/1996	G06K 007/10
		5,532,467		Rousatei	07/02/1996	G06K 007/10
		5,521,366		Wang et al.	05/28/1996	G06K 007/10
		5,463,214		Longacre, Jr. et al.	10/31/1995	G06F 007/10
		5,420,409		Longacre, Jr. et al.	05/30/1995	G06K 007/10; G06K 007/00; G06K 019/06
		5,418,357		Inoue, et al.	05/23/1995	G06K 007/10
		5,410,141		Kkoenck et al.	04/25/1995	G06K 007/10
		5,378,883		Batterman et al.	01/03/1995	G06K 007/10
		5,354,977		Roustaei	10/11/1994	G06K 007/10
AN		5,349,172		Roustaei	09/20/1994	G06K 007/10

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Int'l Class / Sub Class
		Number	Kind Code (if known)			
<i>fr</i>		5,319,181		Shellhammer et al.	06/07/1994	G06K 007/10; G06K 009/00
		5,304,786		Pavlidis et al.	04/19/1994	G06K 007/10
		5,296,689		Reddersen et al.	03/22/1994	H01S 003/10
		5,288,985		Chadima, Jr. et al.	02/22/1994	G06K 007/10
		5,286,960		Longacre, Jr. et al.	02/15/1994	G06K 007/10
		4,471,228		Nishizawa et al.	09/11/1984	H01J 040/14
		4,338,514		Bixby	07/06/1982	G01J 001/20
		RE 36,528		Roustaei	01/25/2000	G06K 007/10
		2004/0195328		Barber et al.	10/07/2004	G06K 007/10; G06K 007/14; G06K 015/12
		2004/0094627		Parker et al.	05/20/2004	G06K 007/10
		2004/0004125		Havens et al.	01/08/2004	G06K 007/10; G02B 026/08
		2004/0000592		Schwartz et al.	01/01/2004	G06K 007/10; G02B 026/08
<i>M</i>		2003/0218069		Meier et al.	11/27/2003	G06K 007/10; G06K 009/22; G06K 019/06; G02B 026/10

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Int'l Class / Sub Class
		Number	Kind Code (if known)			
AM		2003/0213847		McCall et al.	11/20/2003	G06K 007/10
		2003/0209603		Schwartz et al.	11/13/2003	G06K 007/10; G06K 007/14
		2003/0197063		Longacre, Jr.	10/23/2003	G06K 005/04; G06K 007/10; G06K 009/32
		2003/0085282		Parker et al.	05/08/2003	G06K 007/10
		2003/0062419		Ehrhart et al.	04/03/2003	G06K 007/10; G02B 026/00; G06K 007/12
		2003/0062418		Barber et al.	04/03/2003	G06K 007/10; G06K 009/22
		2002/0191830		Pidhirny	12/19/2002	G06K 009/00
		2002/0179713		Pettinelli et al.	12/05/2002	G06K 007/10; G06K 007/14
		2002/0171745		Ehrhart	11/21/2002	H04N 005/225
		2002/0170970		Ehrhart	11/21/2002	G06K 007/10
		2002/0096566		Schwartz et al.	07/25/2002	G06K 007/10
		2002/0008968		Hennick et al.	01/24/2002	H05K 007/14; H05K 007/02
AM		US D442,152 S		Roustaei	05/15/2001	1403/

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intn'l Class / Sub Class
		Number	Kind Code (if known)			
AN		2002/0150309 A1		Hepworth et al.	10/17/2002	G06K 009/32

PUBLICATIONS		
Examiner Initials	Cite No.	Description
AM		Product brochure for the LMC555 CMOS Timer by National Semiconductor Corporation, March 2002, pages 1-10.
		Code Reader 2.0 (CR2) – promotional pages, 4/20-21/2004 from www.codeccorp.com .
		Code Corporation's New Imager Offers Revolutionary Performance and Bluetooth Radio, February 19, 2003, by Benjamin M. Miller, Codex Corporation, 11814 South Election Road, Suite 200, Draper UT 84020.
AM		National Semiconductor's brochure entitled "LM9638 Monochrome CMOS Image Sensor SXGA 18 FPS", 2000, www.national.com .

EXAMINER

Ahsik Kian

DATE CONSIDERED

3-27-06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance not considered. Include copy of this form with next communication to applicant.

(INFORMATION DISCLOSURE STATEMENT – SECTION 9 PTO-1449)